

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20020156527"	US-PGPUB; USPAT	OR	ON	2009/07/07 07:41
S2	9	((CHRISTOPHE) near2 (LANDUYT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 07:41
S3	1	"10557559"	US-PGPUB; USPAT	OR	ON	2009/07/07 10:05
S5	2052	128/207.14-207.16.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/07 10:43
S6	41	S5 and (HME ((heat ADJ2 moisture) ADJ exchange \$2))	US-PGPUB; USPAT	OR	ON	2009/07/07 10:45
S7	14	S6 and (speak\$3 speech talk \$3 vocal\$7 voice voice \$1box)	US-PGPUB; USPAT	OR	ON	2009/07/07 11:17
S8	14	S5 and (HME ((heat ADJ2 moisture) ADJ exchange \$2)) and (speak\$3 speech talk\$3 vocal\$7 voice voice \$1box)	US-PGPUB; USPAT	OR	ON	2009/07/07 11:18
S9	4	128/200.26.ccls. and (HME ((heat ADJ2 moisture) ADJ exchange\$2)) and (speak\$3 speech talk\$3 vocal\$7 voice voice\$1box)	US-PGPUB; USPAT	OR	ON	2009/07/07 11:41
S10	4	128/200.26.ccls. and (HME \$1 ((heat ADJ2 moisture) ADJ exchange\$2) HCH\$1 ((hydroscopic adj condensing) adj humidifier \$1) gas\$1treatment) and (speak\$3 speech talk\$3 vocal \$7 voice voice\$1box)	US-PGPUB; USPAT	OR	ON	2009/07/07 11:43
S11	30	128/200.24-207.18.ccls. and (HME\$1 ((heat ADJ2 moisture) ADJ exchange\$2) HCH\$1 ((hydroscopic adj condensing) adj humidifier \$1) gas\$1treatment) and (speak\$3 speech talk\$3 vocal \$7 voice voice\$1box)	US-PGPUB; USPAT	OR	ON	2009/07/07 11:46

S12	15	128/200.24-207.18.cds. and (HME\$1 ((heat ADJ2 moisture) ADJ exchange\$2) HCH\$1 ((hydroscopic adj condensing) adj humidifier \$1) gas\$1treatment) and (speak\$3 speech talk\$3 vocal \$7 voice voice\$1box) NOT \$6 NOT \$10	US-PGPUB; USPAT	OR	ON	2009/07/07 11:46
S13	3584509	WO "9960954"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 13:50
S14	0	WO9960954A	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 13:50
S15	2	WO9960954	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 13:50
S16	16	((JAN\$1OVE) near2 (PERSSON)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 13:52
S17	29	((JAN\$1OVE) near2 (PERSSON)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 13:52
S18	6	((JAN\$1OVE) near2 (PERSSON)).INV. and (HME \$1 ((heat ADJ2 moisture) ADJ exchange\$2) HCH\$1 ((hydroscopic adj condensing) adj humidifier \$1) gas\$1treatment) and (speak\$3 speech talk\$3 vocal \$7 voice voice\$1box)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 13:53
S19	0	WO0226306	US-PGPUB; USPAT	OR	ON	2009/07/07 14:05
S20	15	((STEVEN) near2 (RYDER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/07 14:05
S21	20	((STEVEN) near2 (RYDER)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 14:06

S22	0	((STEVEN) near2 (RYDER)). INV. and (HME\$1 ((heat ADJ2 moisture) ADJ exchange\$2) HCH\$1 ((hydroscopic adj condensing) adj humidifier \$1) gas\$1treatment) and (speak\$3 speech talk\$3 vocal \$7 voice voice\$1box)	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 14:08
S23	0	((STEVEN) near2 (RYDER)). INV. and (speak\$3 speech talk\$3 vocal\$7 voice voice \$1box)	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 14:09
S24	0	WO9517138	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 15:33
S25	0	WOA9517138	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 15:33
S26	0	WO?A?9517138	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 15:33
S27	1	WO?A?95?17138	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 15:33
S28	4	"9517138"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 15:34
S29	29	128/200.24-207.18.cds. and ((HME\$1 ((heat ADJ2 moisture) ADJ exchange\$2) HCH\$1 ((hydroscopic adj condensing) adj humidifier \$1) gas\$1treatment) SAME paper)	US-PGPUB; USPAT	OR	ON	2009/07/07 17:37
S30	0	(128/207.14-207.29.cds) and @ad<="20031216"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 13:51

S31	1998	(128/207.14-207.29.cds.) and @ad<="20031216"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 13:51
S32	1399	S31 and (trache\$6 stoma)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 13:53
S33	899	S32 and (rotat\$3 twist\$3 displac\$3 turn\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 13:56
S34	1	S31 and (tracheostoma)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 14:04
S35	46	S31 and (tracheostoma)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 14:04
S36	2	("6668831").URPN.	USPAT	OR	ON	2010/01/04 15:04
S37	3	("6772758").URPN.	USPAT	OR	ON	2010/01/04 15:04
S38	0	("7370654").URPN.	USPAT	OR	ON	2010/01/04 15:04
S39	0	("7370654").URPN.	USPAT	OR	ON	2010/01/04 15:05
S40	936	S32 and (rotat\$3 twist\$3 displac\$3 turn\$3 pivot\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 15:07
S41	311	S40 and (speak\$3 speech talk\$3 vocal\$7 voice voice \$1 box)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 15:07
S42	285	S40 and (speak\$3 speech talk\$3 vocal\$7 voice voice \$1 box) NOT S35	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 15:08
S43	1	("6789542").URPN.	USPAT	OR	ON	2010/01/04 15:19
S44	1	"10579200"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/13 09:47
S45	1998	(128/207.14-207.29.cds.) and @ad<="20031216"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/13 10:09
S46	1	S45 and ((metal\$3 with valve) with (flexible resilient elastic))	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/13 10:09
S47	1	S45 and ((metal\$3 with valve) with (flexible resilient elastic bend\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/13 10:11
S48	6514	((metal\$3 with valve) with (flexible resilient elastic bend \$4))	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/13 10:11
S49	2426	S48 and @ad<="20031216"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/13 10:13
S50	0	("2002/0156527").URPN.	USPAT	OR	ON	2010/05/12 09:08
S51	10	("6439233").URPN.	USPAT	OR	ON	2010/05/12 09:09

S52	2651	(128/207.14-207.29.ccls. 128/200.26.ccls. 128/200.24. ccls.) and @ad<="20031216"	US-PGPUB; USPAT	OR	ON	2010/05/12 09:16
S53	990	S52 and (rotat\$4 twist\$3 pivot\$3)	US-PGPUB; USPAT	OR	ON	2010/05/12 09:17
S54	548	S52 and ((gas with treatment) HME (heat near5 moisture) filter)	US-PGPUB; USPAT	OR	ON	2010/05/12 09:18
S55	181	S54 and S53	US-PGPUB; USPAT	OR	ON	2010/05/12 09:18
S56	163	S55 and (tube tubing catheter)	US-PGPUB; USPAT	OR	ON	2010/05/12 09:18
S57	26	("4538607").URPN.	USPAT	OR	ON	2010/05/12 09:47
S58	21	("4971054").URPN.	USPAT	OR	ON	2010/05/12 10:00
S59	10	("5848590").URPN.	USPAT	OR	ON	2010/05/12 10:03
S60	0	("6739339").URPN.	USPAT	OR	ON	2010/05/12 10:04
S61	0	("7210476").URPN.	USPAT	OR	ON	2010/05/12 10:04
S62	44	("2039142" "3137299" "3263684" "3628565" "3844290" "3952335" "3957046" "4040428" "4435853" "4439872" "4538607" "4582058" "4610691" "4614516" "4759356" "4809693" "4820304" "4911716" "4971054" "5048518" "5059208" "5107828" "5259378" "5287852" "5314470" "5391205" "5392775" "5472123" "5480432" "5578083" "5683458" "5693097" "5935165" "6189534" "6206251" "6230940" "6439233" "6789542" "6802316").FN. OR ("7021314").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 10:04
S63	10	((CHRISTOPHE) near2 (LANDUYT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 10:10

S64	4726	(604/93.01.ccls. 604/164.01-164.02.ccls. 604/164.08.ccls. 604/164.01.ccls. 604/167.05.ccls. 604/537.ccls. 604/288.03.ccls. 604/291.ccls. 604/523.ccls. 604/533-284.ccls. 604/118-129.ccls.) and @ad<="20031216"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 13:34
S65	797	S64 and ((gas with treatment) HME (heat near5 moisture) filter)	US-PGPUB; USPAT	OR	ON	2010/05/13 13:34
S66	321	S65 and (rotat\$4 twist\$3 pivot\$3)	US-PGPUB; USPAT	OR	ON	2010/05/13 13:35
S67	305	S65 and (rotat\$4 twist\$3)	US-PGPUB; USPAT	OR	ON	2010/05/13 13:36
S68	20	"6095135"	US-PGPUB; USPAT	OR	ON	2010/05/13 15:50
S69	1	"6095135".pn.	US-PGPUB; USPAT	OR	ON	2010/05/13 15:51
S70	1	"5259378".pn.	US-PGPUB; USPAT	OR	ON	2010/05/13 15:56

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	312	((HME (heat near5 moisture)) and (rotat\$4 twist\$4)).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/20 08:35
L6	244	((HME (heat near5 moisture)) and (rotat\$4 twist\$4) and (gas air oxygen flow)).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/20 08:35
L7	66	((HME (heat near5 moisture)) and (rotat\$4 twist\$4) and (gas air oxygen flow) and (traverse \$2 perpendicular\$2 axis)).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/20 08:36
L8	28	((HME (heat near5 moisture)) and (rotat\$4 twist\$4) and (gas air oxygen flow) and (traverse \$2 perpendicular\$2 axis) and (block\$2 dos\$3)).dm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/20 08:37

5/ 20/ 2010 8:45:33 AM

C:\Documents and Settings\ryoung1\My Documents\EAST\Workspaces\Gas treatment devices
10579200.wsp